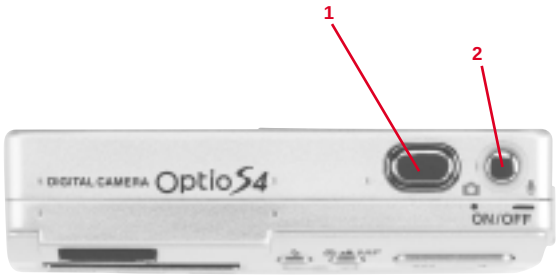
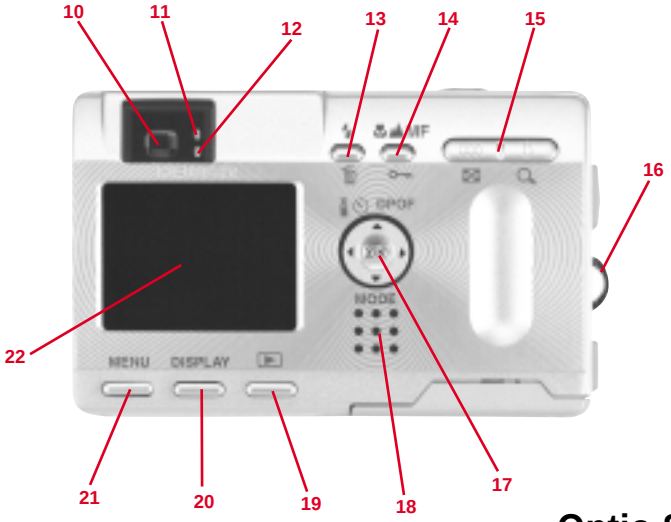
PENTAX™

Optio S4





Optio S4 - One of the world's smallest 4.0 megapixel, 3X optical zoom digital cameras.

1. Shutter Release Button
2. Power Button
3. Remote Control Receiver
4. Self-timer Lamp
5. Zoom Flash
6. Light Sensor
7. Viewfinder Window
8. Zoom Lens
9. Built-in Microphone
10. Viewfinder
11. Autofocus Ready Lamp
12. Flash Ready Lamp
13. Flash Mode Button
14. Focus Mode Button
15. Zoom Lever
16. Strap Lug
17. Four-way Controller/Drive/Mode & OK Button
18. Playback Speaker
19. Review Button
20. Display Button
21. Menu Button
22. LCD Panel

- Detailed imaging with a 4.0 MegaPixel CCD
- Precision and clarity through an smc PENTAX 3X optical zoom lens equivalent to 35-105mm in 35mm film format, 12X combined zoom
- Ultra lightweight aluminum alloy body weighs only 3.5 oz
- Miniaturized Engineering Concept - Measures 3.3 x 2.0 x 0.8 inches
- Revolutionary Sliding Lens System contributes to stylish compact body design
- Voice recording mode – audio capability that rivals stand alone audio recording devices
- Movie mode records 60 seconds of footage as an AVI file with sound
- Seven Auto Picture Modes: Landscape, Flower, Portrait, Self-portrait, Surf & Snow, Autumn Color and Sunset
- Convenient USB connection to your computer
- LCD monitor bright enough for use in direct sunlight
- Three metering options: Multi-segment, Center-weighted, Spot
- 11MB internal memory
- Includes a long-life rechargeable Lithium-ion battery
- Along with the intuitive, easy-to-use menu, there are a variety of shooting modes through use of Virtual Mode Dial
- Three capture settings with three JPEG quality settings each
- TTL contrast detection autofocus system with 7-point wide-focus, spot focus and infinity landscape mode
- Free Focus mode allows you to place focus point anywhere in the image area
- JPEG (Exif.) 2.2, DPOF and Epson PRINT Image Matching II technology assures the highest quality prints
- 3D and Panorama assist modes
- Alarm clock with sound and picture wake-up

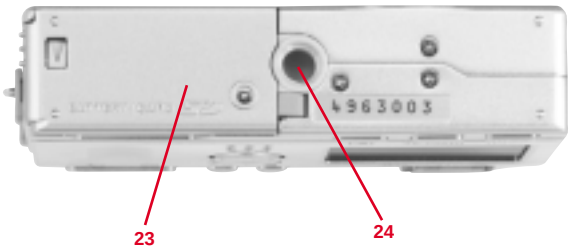
Ordering Information:
18283 Optio S4

UPC Code:
027075076648

PENTAX™

Optio S4

23. Battery/SD Card Chamber Cover
24. Tripod Socket
25. DC Terminal Cover
26. USB/AV Terminal Cover



Specifications

Camera

Type - Compact-type digital still camera with built-in zoom lens, autofocus, auto exposure and auto flash

Effective Pixels

4.0 megapixels

Image Capture Device

Type - 1/2.5 inch interline transfer CCD with a primary color filter
Total Pixels – 4.23 megapixels
Color Depth - 10 bit x 3 colors
Recorded Pixels - Still: 2304x1728 pixels, 1600x1200 pixels, 1024x768 pixels, 640x480 pixels;
Movie: 320x240

Focus System

Type - TTL contrast detection autofocus system
Autofocus - 7 point AF, Spot AF & Infinity Landscape Mode
Manual Focus - 2.4 inches (0.06m) to Infinity
Focusing Range - Normal: 1.31 ft. (0.4m) to Infinity
Macro: 7.1 inches (0.18 m) to 1.64 ft. (0.5m)
Super Macro: 2.4 inches (0.06m) to 7.9 inches (0.2m) at 10.2mm

Lens

Type - smc PENTAX power zoom
Focal Length - 5.8mm- 17.4mm
35mm Equivalent - 35mm-105mm
Aperture Range - f2.6- f4.8
Construction - 6 elements in 5 groups (2 dual-sided aspherical elements)
Optical Zoom - 3 X
Digital Zoom - 4 X
Combined - 12 X

Exposure Control

Light Metering Method - TTL metering with choice of: Multi-segment, Center-weighted & Spot meter
Sensitivity - Auto, or user select ISO 50, 100, 200
Exposure Control Method - Program AE
Exposure Modes – Program, Picture mode, Night scene, Movie, Panorama assist, 3D image, Digital filter, User
Exposure Compensation - +/-2 EV (1/3 steps)
Shutter - Type: Programmed AE electronic lens shutter with CCD electronic shutter. Shutter Speed – approx. 1/2000 - 4 second.

White Balance - White Balance Control: TTL Auto, Pre-set, Custom White Balance. Available Settings - Auto, Daylight, Shade, Tungsten Light, Fluorescent Light, Manual
Flash - Operation Modes: Auto, Flash-Off, Flash-On, Auto + red-eye reduction, Flash-On + red-eye reduction

Shooting Specifications

Shooting Modes - Program, Picture mode, Night scene, Movie, Panorama assist, 3D image, Digital filter, User
Picture Modes - Landscape, Flower, Portrait, Self-portrait, Surf & Snow, Autumn color, Sunset
Digital Filter - Black & White, Sepia, Red, Pink, Yellow, Green, Blue, Purple, Soft, Slim
Drive Modes - Single-shot, Continuous, Remote control (instant/3 sec.), Self-timer-10 sec.
Movie Mode - Up to 60 seconds with sound

Time

Modes - dd/mm/yy, mm/dd/yy, yy/mm/dd
World Time - Display of time in 62 cities (28 time zones)
Alarm Clock - Displays image with alarm (maximum of three memory settings)

Image Storage

Storage Media - 11MB built-in memory, SD memory card/MMC removable
File Formats - Still: JPEG (Exif 2.2), DCF (Design rule for Camera File system), DPOF (Digital Print Order Format)
Movie: AVI (Open DML motion JPEG Format) 15fps with sound
Sound: WAV (ADPCM), Monaural, Recordable time depends on the remaining capacity of the memory card
JPEG Compression Mode - Good, Better, Best
Recorded pixels with 11MB built-in memory

	Best	Better	Good
2304x1728	3	7	10
1600x1200	9	15	21
1024x768	19	36	47
640x480	43	67	90

Viewfinder

Optical Viewfinder - Actual Image zoom viewfinder
LCD Monitor - 1.6 inch, TFT color LCD with Histogram Display
LCD Coverage - 100%
LCD Resolution – 84K Pixels

Playback Specifications

Playback Modes File - Single, Index- Nine image
Magnification - 4X
LCD Function - Slide show, voice memo available in playback mode
Size Change – Trimming, Resize
Erase Modes - Single, All
Image Protect - Single, All

Interfaces

Type - AV output terminal, USB terminal, DC input terminal
Video Output - Compatible with NTSC and PAL formats (monaural sound)

Power Supply

Power Source - Rechargeable lithium-ion D-LI8 battery, AC adaptor kit (optional)

Physical Specifications

Operating Temperatures - 32˚ to 104˚F (0˚ to 40˚ C)
Camera Casing – Aluminum alloy
Dimensions (W x H x D) - 3.3 x 2.0 x 0.8 Inches (83 x 52 x 20mm)
Weight - 3.5 oz (98g) without battery and SD memory card, 4.1 oz (115g) loaded and ready

Computer System Requirements

Mac Requirements - OS: Mac OS 8.6 or later (QuickTime 4.0 or later to view movies), CPU: Power PC 266MHz or higher, Memory: 8MB or more, Hard disk space: 6MB or more, Standard equipped USB port
PC Requirements - OS: Windows 98,98 second edition, 2000, Me, XP Home edition / Professional, CPU: Pentium or later recommended, Memory: 64MB or more, Hard disk space: 15MB or more, Standard equipped USB port

Specifications subject to change.